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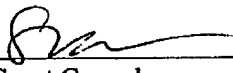
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|-----------|-------------------------------------|----------|-----------------------|
| TO: | Examiner Gebreysus ART UNIT 1652 | FROM: | SHELLY GUEST CERMAK |
| FAX: | 571.273.8300 | REF. NO: | US-109 |
| VOICE: | | PAGES | 15 (incl. this sheet) |
| App. No.: | 10/784,986 | DATE: | November 14, 2005 |

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- 1) This Facsimile Cover Sheet (1 pg)
- 2) Amendment Transmittal Cover Sheet (2 pp)
- 3) Amendment and Response Under 37 C.F.R. § 1.111 (12 pp)



Shelly Guest Cermak
Registration Number 39,571

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NOV 14 2005

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November 14, 2005

Box Amendment

Commissioner for Patents
P.O. Box 1450
Alexandria, VA. 22313-1450

In re application of: HIRANO et al.
Application. No.: 10/784,986
Filing Date: February 25, 2004
Atty. Docket No. US-109
Title: Novel lysine decarboxylase gene and method for producing L-lysine

Sir:

Transmitted herewith is an Amendment in the above-identified application. Please find enclosed:

- ☒ Amendment and Request for Reconsideration: pages.
☐ Petition for Extension of time from the Office Action, mailed , months to :
 pages
☐ Information Disclosure Statement: pages.
☐ PTO-1449: pages.
☐ cited references.
☐ PTO-2038 Credit Card Payment Form (fee calculated as shown below): pages.
☐ Other:
☐ A fee is required, as calculated below:

| | (Col. 1) | | (Col. 2) | (Col. 3) |
|--|---|-------|--|--------------|
| | <i>Claims Remaining After Amendment</i> | | <i>Highest No. Previously Paid For</i> | <i>Extra</i> |
| <i>Total</i> | | minus | 20 | |
| <i>Indep.</i> | | minus | 3 | |
| <input type="checkbox"/> First Presentation of Multiple Dependent Claims | | | | |

| SMALL ENTITY | | or | LARGE ENTITY | |
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| + \$180 = | \$ | or | + \$360 = | \$ |
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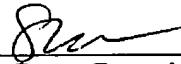
14 November 2005

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*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space. The "Highest Number Previously Paid For" (Total or Independent) is the highest number found from the equivalent box in Col. 1 of a prior amendment or the number of claims originally filed.

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☒ Any filing fees under 37 C.F.R. § 1.16 for the presentation of extra claims.
☒ Any patent application processing fees under 37 C.F.R. § 1.17.

Respectfully submitted,



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Date: November 14, 2005

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Hirano et al.

Application No.: 10/784,986

Filing Date: February 25, 2004

For: Novel lysine decarboxylase gene and
method for producing L-lysine

Art Unit: 1652

Examiner: Gebreysus, Kagnaw H.

Attorney Ref. No.: US-109

VIA FACSIMILE TO: 571-273-8300

AMENDMENT AND RESPONSE UNDER 37 C.F.R. § 1.111

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Supplemental Office Action dated September 15, 2005, which set a 2-month shortened statutory period for response thereto, please amend the above-captioned patent application as follows.

Claim amendments begin on page 2.

Remarks begin on page 5.